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DELEGATES TO THE ELEVENTH NATIONAL 4-H CLUB CAMP

Washington, D. C., June 17 - 23, 1937.

TEXAS

<u>Delegate</u>	<u>County</u>
Jack Barnhart . . . . .	Cooke
Blanche Fuchs . . . . .	Travis
James F. Grote . . . . .	Mason
Lydia Ann Psencik . . . . .	Liberty

Mr. Barnhart writes:

"I started my club work in 1925 with one pig and branched out until in 1936 my demonstrations included turkeys, geese, ducks, chickens, beef calves, dairy heifers, hogs, sheep, corn, and cotton. In the 3 years from 1933 through 1936, I made a net profit of \$2,319.21 from my 4-H club demonstrations.

The pig I started with was a Duroc Jersey. I fed this pig for  $3\frac{1}{2}$  months, and when it was 6 months old it weighed 250 pounds. I made a net profit of \$15 on it. In 1926, I fed another Duroc Jersey pig and made a net profit of \$14.25 on it. I took the money I made on this demonstration and bought a Poland China sow in 1927. I took her to the Cooke County Fair and won first place on her. In 1931, I traded some pigs for another registered Poland China sow. In 1933, I fed nine Poland China pigs, but did not make much profit on them because hogs were so cheap. On my nine pigs and two brood sows I made a profit of \$44.16. In 1936, I fed 20 pigs. I raised them in two groups. One group of six was fed from December until May, making a profit of \$52.09. The other 14 made a profit of \$70.73.

In the winter of 1926, I bought a Hampshire ewe, and she had twin lambs that spring. In 1927, I got \$15 for the wool off of the three sheep and they had three lambs. In 1931, I had eight Hampshire ewes and one ram. In 1933, I made a profit of \$20.09 on my sheep, and in 1934, I made \$12.35. In 1936, nearly all of my ewes had lambs during cold weather and they froze. I made a profit of only \$1.76 on them in 1936.

I started my poultry demonstration in 1931 with 115 White Leghorn chicks. I raised 114 from the 115. They were fed 2,770 pounds of feed valued at \$18.67 and 412 gallons of milk valued at \$8.24. Labor and other expenses were \$24.76. I sold 61 cockerels for \$39.75; the pullets were valued at \$29.55. They layed 305 dozen eggs and at 12 cents a dozen this amounted to \$36.60, making a net income of \$105.90, with a net profit of \$54.23. I won a trip to Chicago on this demonstration. In 1933, I made the following profits on poultry: Turkeys, \$199.70; ducks, \$52.90; geese, \$10.48; chickens, \$105.31. In 1934, I made \$170.80 on turkeys, \$27.13 on ducks, \$10.39 on geese, and \$261.34 on chickens. In 1936, I kept a record on 6,005 chickens, 170 White Leghorn hens, 192 Bronze turkeys, 2 Toulouse geese, and 2 Pekin ducks.

I started my dairy-calf demonstration in 1934 with two Jersey calves. I made a profit of \$18.40 on them. In 1936, I raised two Jersey and two Holstein calves that made a profit of \$34.19.

In 1933, I raised 5 acres of cotton; in 1934, I raised 10 acres; and in 1936, I raised two acres. I raised 10 acres of corn in 1934 and made a profit of \$38.75. In 1936, I raised 2 acres of corn and took a loss of \$2.75 on it on account of dry weather.

The following is what I have made on my demonstrations from 1932 to 1936:

	<u>1933</u>	<u>1934</u>	<u>1936</u>
Turkeys .....	\$199.70	\$170.80	\$117.56
Ducks .....	52.90	27.13	.97
Geese .....	10.48	10.39	1.54
Chickens .....	105.31	261.34	943.17
Calves .....		18.40	34.19
Hogs .....	7.19	44.16	122.82
Sheep .....	20.09	12.35	1.76
Corn .....		38.75	2.75 loss
Cotton .....	35.55	67.65	15.01
Totals .....	\$431.22	\$650.97	\$1,237.02
Total profit for 1933, 1934, and 1936 .....			\$2,319.21

I was a member of the poultry judging team in 1933 and was on the livestock judging team in 1936 at the A. & M. Farmers' Short Course. In 1936, the boys of the Spring Creek 4-H Club sponsored a community fair. They had 63 exhibits at the community fair which were brought to the Cooke County Fair. We won 31 first and 10 second places at the county fair.

In 1932, I was elected vice president of my club, and served as president in 1933, 1934, and 1936.

I have learned much of farming in the past 10 years of my 4-H club work. It has not only helped me with raising stock and crops, but I have learned a lot on trips that I have made with other 4-H club boys to Chicago, A. & M. College, and other places. I have tried many experiments on feeding calves and chickens."

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Miss Fuchs has been a 4-H club member 5 years. Her county home demonstration agent writes of her work as follows:

"For 2 years she was president of her club and she has been a demonstrator in either poultry, gardening, food preservation, clothing, or bedroom improvement the whole 5 years. Gardening was the first undertaking

and one that she continued throughout the 5 years. During this time she gathered 18,661 pounds of vegetables and canned 2,159 quarts, besides helping with the general family garden.

In 1935 she had entire charge of the pantry, budgeting the food supply needed; planning and growing the garden; conserving, storing, and labeling the 809 containers of canned food. Under the agent's direction she standardized canned carrots and sauerkraut so that she could sell the products under the "Better 4-H product" label on the farm homemakers' market. She helped her mother to standardize corn, butter, chicken broth, boned chicken, salad chicken, and dill pickles for the same purpose. She sold some fresh garden products on the market.

Her clothing work was well done and she took part in the county wardrobe contest.

In 1936 she continued to have charge of the pantry, organizing a canned food supply of 822 containers. She shared her interest in gardening with poultry, raising 170 chickens and 101 turkeys. She had previously also managed to start an orchard, which bore its first fruit in 1936.

Though Miss Fuchs had a great deal of the responsibility in providing the family food supply her outstanding work is in home improvement. At least more people have come out to see her bedroom, and other interior home improvement. She succeeded in making an ordinary room into a sort of Texas Centennial masterpiece after salvaging a number of things from the attic, the barns, the neighbors, kinsfolk, and junk shops. Most of her work had to be done in the summer since she attended school 18 miles from home. She made a home-made mattress, lightweight covers from home-grown, home-scoured wool, quilted and tufted spreads, and hooked rugs to make the room comfortable and to harmonize with the old-time furniture. She had 127 visitors at the bedroom achievement event, and a class of University of Texas home-economics students visited it later, besides numerous other visitors. The work didn't stop with one bedroom, for she helped her mother in refurnishing the parents' bedroom, the kitchen, the breakfast room and porch; 20 pieces of furniture in all were refinished. Yard improvement too came in for its share of attention. Over 100 people have been helped by her in matters pertaining to bedroom improvement - some individually, some at public demonstrations, and she has told of her work twice over radio. Miss Fuchs has won three trips to Farmers' Short Course at A. & M. College, one to the Educational Encampment at the Dallas State Fair. She has been recognized as a Gold Star girl and won first place in the district in bedroom improvement."

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Mr. Grote writes:

"In the fall of 1928 I joined the 4-H club at Art, in Mason County, Tex. Since I was born and reared on a livestock farm, I became interested in agriculture at an early age, and I joined the 4-H club as soon as I was

old enough.

I began my first demonstration, which was a calf-feeding project, by selecting a Hereford steer calf from my father's herd. This project was under the supervision of our county agent, W. I. Marschall. I put my calf into a pen with seven calves that my father and brother were feeding and fed him twice a day. His ration consisted of crushed corn, cotton-seed cake, and hay.

I fed this calf until March the first, at which time I exhibited him at the Mason County Livestock Show. I sold the calf at this show. No definite record of this demonstration was kept, but I realized a small profit of about \$5.

In 1929, I began feeding two calves. I fed them for 5 months, and then took them to the Mason County Show for exhibit. One of them placed fourth and the other placed seventh. I realized a profit of \$50 from the sale of these calves.

In 1931 cattle prices were very low, but I again chose two beef calves. I fed them in very much the same way as in the previous years. I realized a profit of \$5.54.

On July 10, 1931, I began feeding two high-grade Hereford calves as my demonstration for 1932. These calves were fed by a new method - they were self-fed and nursed a nurse cow twice a day. This was the first year I ever exhibited a calf outside our own county. I showed one of my calves in Mason and sold him there, and I took the other one to the San Angelo and Fort Worth Stock Shows. This calf did not win any individual prizes, but he was in Mason County's carload of calves. These two calves netted me a profit of \$16.05. The total income was \$135.11 and the total expenses were \$119.06. The cattle market was still low.

During these first 4 years of 4-H club work, my oldest brother was my partner. He and I always shared equally in our demonstrations, but in 1932 he fed five calves and I fed one. I showed this calf at the Houston Fat Stock Show, which was over 300 miles from home. From this calf I realized a profit of \$10.43.

My 4-H club record for 1934 shows a rather large increase in comparison with the one in 1933. I fed five calves, which I showed at San Angelo and Fort Worth, and realized a profit of \$225.65.

By March 1, 1935, I had finished six baby beeves for show. After exhibiting the calves at our county show, I took them to San Angelo, where I won grand championship with one of my calves; I also had the best group of five calves fed by one boy, besides several other placings. I sold the grand champion calf at San Angelo for \$655.88 besides the \$68 which he won in premiums. I took the remaining five calves to the Fort Worth Show. One of my calves placed third, and my group of five calves placed second. I sold these five calves at Fort Worth for \$18 per hundredweight. The net profit from these six calves was \$1,116.11.

I graduated from high school in the spring of 1935, and since I had realized a good profit from my 4-H club work, I decided to remain at home another year and continue my club work on a larger scale, instead of going to college. I began my demonstration by selecting 16 calves from different herds in Mason County. I fed these calves in a pen, which covered approximately one-fourth of an acre. In this pen was a shed 34 by 18 feet, a brush arbor 18 by 25 feet, three self-feeders, a hay rack, a water trough, and a salt box. From these the calves could obtain shelter, feed, water, and minerals. I worked with these calves almost continuously. Immediately after getting them, I weaned them to nurse cows, and kept them in the pen from then on. The grain ration which they received for the first several months consisted of 40 percent, corn; 50 percent, oats; and 10 percent, cottonseed cake. The ration was then changed to 50 percent, corn; 40 percent, oats; and 10 percent, cottonseed cake. This ration was fed until September 24, when I began feeding a more fattening ration. Later linseed cake and wheat bran were added to the ration in order to obtain the best finish. During the entire period the calves received all the roughage they wanted.

About 2 months before show time I led my calves nearly every day in order to give them exercise and to train them in posing for the showing. I washed the calves nearly every week and combed them nearly every day to keep their hair clean and in good shape for show time.

On February 25, 1936, I exhibited my calves at the Mason County Stock Show. I won one first and many other prizes. From the Mason Show I took four of my calves to the San Antonio Show. At this show I won grand and reserve champions, first with my group of three, and a second place. I sold the grand champion calf for \$713.31, and the reserve champion for \$180.44. I took the other two calves back home, and several days later took three of my calves to the Houston Show. Here I also won grand championship, first prize with my group of three, and second place with my junior calf. I sold my grand champion for \$850.50. The two calves that I did not sell at Houston and the calves I still had at home were taken to Fort Worth, where I exhibited them in a carload with my brother's five calves. We won the grand championship with our carload. We sold them at Fort Worth for 15 cents a pound, and the average sales weight was 851 pounds, or a selling price of \$123.87 per calf.

By showing my calves at the three above-mentioned shows, I won a total of \$292.53 in prizes.

The total expenses of these 16 calves were \$1,536.41, the total receipts from the sales of calves and premiums were \$3,525.01, thus leaving a total net return of \$1,988.60. The average receipts per animal were \$220.31, the average expenses \$96.03, the net return per animal \$124.28, the average cost per pound of grain was 6.9 cents, and the average daily gain per animal was 2.2 pounds.

My club work did not consist of demonstrations alone, but of other activities also. During my first year in club work our county agent gave us several lessons in judging livestock and grain. In the summer of 1930,

a central Texas 4-H club encampment was held. There were various judging contests held during the encampment. I was a member of the team and placed first in sheep judging. This was the beginning of the judging part of my 4-H club work.

In the fall of 1930 and of 1931, I was a member of Mason County's judging team, which won second both years at the San Angelo fair. Since I had the highest individual score both years, I was awarded a prize of \$20 each year. In 1932, I was a member of the winning judging team at the A. & M. College Short Course and was second ranking individual.

In 1936, I was a contestant in the State-wide judging contest held during the Farmers' Short Course at A. & M. College. Since the five highest ranking teams had a final contest in September and since our team was included in the five, I had to come back to A. & M. and take part in the final contest. I was "high point" man in this contest.

In the fall of 1935 I won a free trip to the National Boys' and Girls' 4-H Club Congress and the International Livestock Exposition held in Chicago. This trip was indeed an outstanding event in my life. I met boys and girls from other States and learned to know about their club work.

I served as chairman of the Mason County 4-H Club for several years.

At the Farmers' Short Course in 1935, I was elected State president of the boys' and girls' organization. I served in this office during the 1935 and 1936 short courses.

With part of the profit from my demonstration in 1934, I bought a registered Hereford cow with a bull calf for \$85. After keeping these two animals a year, I sold the calf for \$100. The next year this cow raised another calf, which I developed into the grand champion at the Houston show in 1936. This calf weighed 965 pounds at the age of 11 months. I sold him for \$850.50. Now the cow has another calf, which my brother is feeding for the stock shows next spring. This cow has proved to me that the cattle industry is worth while.

The profits from my club projects have made it possible for me to become a student in A. & M. College of Texas. I have completed my records and have realized a profit of \$3,417.38 during these 8 years in club work."

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Miss Psencik has been in club work 8 years. Gardening, clothing, and interior improvement have been her chief activities. During that time from her own garden she has gathered 27,274 pounds of vegetables, canned 1717 quarts of them. She has made 251 garments and household articles, and transformed a room that was once a kitchen into a convenient, comfortable, and attractive bedroom that ranked first in the county and district contests. In addition Miss Psencik has helped with the whole farm-food supply for her family, having the entire responsibility of planning and conserving the food

in 1936. She has helped to refurnish and redecorate other rooms in the house, and to improve the yard. Her neighbors have called upon her for information on mattress making, canning, and refinishing furniture. She has given several demonstrations too on tufting bedspreads, sometimes to people in other counties.

She has served as secretary, vice president, and president of her club, as well as demonstrator in bedroom and clothing demonstrations. She has been active in the recreational association in the community and managed to keep up her club work during her high-school days, even though she had to walk 2 miles to and from the bus that carried her to town. She has won two trips to Farmers' Short Course and is recognized as a Gold Star club girl of Texas. Her products have brought her many prizes and ribbons from the county fair, the Dallas State Fair, and the South Texas State Fair at Beaumont. All these experiences, to use Miss Psencik's own words "have been one more school to me. I have learned the fundamental principles of homemaking and improving. I have learned to enjoy work and to strive to do greater things in life."

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Extension Service,  
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